



## SAFETY COMPONENTS

Sensors | Light Curtains |  
Scanners | Controllers

Remtron Preferred Stock List

**SICK**  
Sensor Intelligence.

### MELBOURNE

2/2 Sibthorpe Street  
Braeside VIC 3195  
Ph: (03) 9587 1233  
sales@remtron.com.au

### GIPPSLAND

1/29-31 Eastern Road  
Traralgon VIC 3844  
Ph: (03) 5192 5000  
gippslandsales@remtron.com.au

### ALBURY

444 Wilson Street  
Albury NSW 2640  
Ph: (02) 6043 8400  
alburysales@remtron.com.au

### TASMANIA

6 Ferguson Drive  
Devonport TAS 7310  
Ph: (03) 6422 5000  
remtrontasmania@remtron.com.au

### ADELAIDE

22 Marlow Road  
Keswick SA 5035  
Ph: (08) 5192 5000  
sasales@remtron.com.au

### BRISBANE

2/3273 Logan Road  
Underwood QLD 4119  
Ph: (07) 3208 7931  
qldsales@remtron.com.au

### TOWNSVILLE

2/44-46 Carmel Street  
Garbutt QLD 4814  
Ph: (07) 4725 4499  
qldsales@remtron.com.au

Part Number	Series	Size	Flush/Non Flush	Range	PNP/NPN	Output	Connection
SI1040838	IME STD Body	M8	Flush	1.5mm	PNP	NO	M8 3P
SI1040854	IME STD Body	M8	Non Flush	2mm	PNP	NO	M8 3P
SI1040764	IME STD Body	M12	Flush	4mm	PNP	NO	M12
SI1040748	IME STD Body	M12	Non Flush	4mm	PNP	NO	M12
SI1040934	IME STD Body	M18	Flush	5mm	PNP	NO	M12
SI1040950	IME STD Body	M18	Non Flush	8mm	PNP	NO	M12
SI1041030	IME STD Body	M30	Flush	15mm	PNP	NO	M12
SI1041046	IME STD Body	M30	Non Flush	20mm	PNP	NO	M12
SI1074349	IMB STD Body	M8	Flush	2mm	PNP	NO/NC	M12
SI1074350	IMB STD Body	M8	Non Flush	4mm	PNP	NO/NC	M12
SI1074366	IMB Short Body	M12	Flush	4mm	PNP	NO/NC	M12
SI1074360	IMB STD Body	M12	Non Flush	8mm	PNP	NO/NC	M12
SI1074376	IMB Short Body	M18	Flush	8mm	PNP	NO/NC	M12
SI1074369	IMB STD Body	M18	Flush	8mm	PNP	NO/NC	M12
SI1074377	IMB Short Body	M18	Non Flush	12mm	PNP	NO/NC	M12
SI1074370	IMB STD Body	M18	Non Flush	12mm	PNP	NO/NC	M12
SI1074406	IMB Short Body	M30	Flush	15mm	PNP	NO/NC	M12
SI1074411	IMB STD Body	M30	Flush	15mm	PNP	NO/NC	M12
SI1074416	IMB Short Body	M30	Non Flush	20mm	PNP	NO/NC	M12
SI1074407	IMB STD Body	M30	Non Flush	20mm	PNP	NO/NC	M12
SI1076673	IMF STD Body	M12	Flush	4mm	PNP	NO	M12
SI1076675	IMF STD Body	M12	Non Flush	8mm	PNP	NO	M12
SI1076665	IMF STD Body	M18	Flush	8mm	PNP	NO/NC	M12
SI1076669	IMF STD Body	M18	Non Flush	12mm	PNP	NO/NC	M12
SI1071553	IQ40 CUBOID	40x40	Flush	20mm	PNP	NO/NC	M12
SI1071850	IQ40 CUBOID	40x40	Non Flush	40mm	PNP	NO/NC	M12



IME = Nickel Plated Brass IP67  
 IMB = S/Steel IP69k  
 IMF= S/Steel Hygeinic IP69k

## Reflective Sensors

Part Number	Series	Description	Range (Meters)	Shape	Output	Connection	Material	IP Rating
SI1042065	WL4S-3F2130	PinPoint LED	0 - 2.5	Cuboid	PNP DO	M8 3 Pin	Plastic	IP67
SI6020688	WL150-P420	Red LED Transparent Objects <b>*Includes PL20A &amp; Bracket</b>	0.01 - 0.3	Cuboid	PNP LO/DO	M8 4 Pin	Plastic	IP67
SI1049063	WL9-3P2432	PinPoint LED	0 - 3	Cuboid	PNP LO/DO	M12 4 Pin	Vistal	IP67/69k
SI6035495	VL18-4P3140V	Red LED Hygienic/Washdown	0.1 - 4.5	Cylindrical	PNP LO/DO	M12 4 Pin	S/Steel	IP67/69k Washdown
SI6041819	VL180-2P42431	Red LED <b>*Includes P250 Reflector</b>	0 - 2.4	Cylindrical	PNP LO/DO	M12 4 Pin	Metal	IP67
SI1085706	GRL18S-P2431V	PinPoint LED	0.06 - 6	Cylindrical	PNP LO/DO	M12 4 Pin	S/Steel	IP67/69k Washdown
SI1071743	HL18-F4A3AA	PinPoint Signal Strength Display	0.03 - 5	Hybrid	PNP LO/DO	M12 4 Pin	Vistal	IP67/69k
SI1100593	ZLD18-BFZ4A8	BASIC LED	0 - 4	Hybrid	PNP DO	M12 4 Pin	Plastic	IP67
SI1218660	WLA16P-24162100A00	PinPoint LED Signal Strength Display IO Link with Smart Task	0 - 7	Cuboid	PNP/NPN/LO /DO	M12 4 Pin	Vistal	IP67/69
SI1218661	WLG16P-24162120A00	PinPoint LED Multi Mode Sensor IO Link with Smart Task	0 - 5	Cuboid	PNP/NPN/LO /DO	M12 4 Pin	Vistal	IP67/69
SI6044760	WL280-2R4331	Dual Lens 24-240V AC/DC <b>*Includes P250 Reflector &amp; Bracket</b>	0.01 - 11	Cuboid	Relay LO	M20 Gland	Plastic	IP66/67



## Reflectors

Part Number	Series	Description
SI5308844	PL20F	Fine Reflector 20x60mm (Laser/Transparent Objects)
SI5308843	P250F	Fine Reflector 50x50mm (Laser/Transparent Objects)
SI1012719	PL20A	Reflector 18x60mm
SI1012720	PL40A	Reflector 40x60mm
SI5304812	P250	Reflector 51x61mm
SI1003865	PL80A	Reflector 84x84mm
SI4086634	REF-PLUS-R50	Reflective Tape 50x912mm



## Diffuse/Proximity/Background Suppression Sensors

Part Number	Series	Description	Range (Meters)	Shape	Output	Connection	Material	IP Rating
SI1065862	GTB10-R3812	24..240V AC/DC * Includes Bracket	20 - 450	Cuboid	Relay SPDT	2mtr Lead	Plastic	IP67
SI1073431	HTB18-P4A2BB	PinPoint LED M18 Signal Strength Display	5 - 150	Hybrid	PNP LO/DO	M12 4 Pin	Vistal	IP67/69
SI1218626	WTB16P-24161120A00	PinPoint LED Range Display IO Link with Smart Task	10 - 550	Cuboid	PNP/NPN/LO/DO	M12 4 Pin	Vistal	IP67/69
SI1218663	WTB16P-24161120A00	TWIN EYE PinPoint LED Range Display IO Link with Smart Task	15 - 400	Cuboid	PNP/NPN/LO/DO	M12 4 Pin	Vistal	IP67/69
SI1218698	WTB16P-24161120A00	PinPoint LED Range Display IO Link with Smart Task	100 - 400	Cuboid	PNP/NPN/LO/DO	M12 4 Pin	Vistal	IP67/69
SI1218666	WTB26P-24161120A00	PinPoint LED Range Display IO Link with Smart Task	180 - 800	Cuboid	PNP/NPN/LO/DO	M12 4 Pin	Vistal	IP67/69
SI6035493	VTB18-4P1240V	Cylindrical M18 Hygienic and washdown zones (Teach)	40 - 130	Cylindrical	PNP LO/DO	M12 4 Pin	S/Steel	IP69k
SI6043870	VTB180-2P42412	Cylindrical M18 Potentiometer Adjustment	30 - 200	Cylindrical	PNP LO/DO	M12 4 Pin	Metal	IP67
SI1085742	GRTB18S-P2412V	Cylindrical M18 Hygienic and washdown zones (Pot)	20 - 150	Cylindrical	PNP LO/DO	M12 4 Pin	S/Steel	IP69k
SI1111828	WTT4SLC-3B3462A00	Power Prox Time Of Flight IO Link with Smart Task 200mm Tail	100 - 1300	Cuboid	PNP/NPN/LO/DO	M12 4 Pin	Vistal	IP67
SI1072611	WTT12L-B2561	Power Prox Time Of Flight IO Link with Smart Task	100 - 3800	Cuboid	PNP/NPN/LO/DO	M12 4 Pin	Vistal	IP67
SI1082415	WTT12L-B2553	Power Prox Time Of Flight IO Link with Smart Task	100 - 1800	Cuboid	PNP/NPN/LO	M12 4 Pin	Vistal	IP67
SI1072532	WTT12LC-B2563	Power Prox Time Of Flight IO Link with Smart Task	100 - 3800	Cuboid	PNP/NPN/LO	M12 5 Pin	Vistal	IP67



## Through Beam Sensors

Part Number	Series	Description	Range (Meters)	Shape	Output	Connection	Material	IP Rating
SI1065912	GSE10-R3812	PinPoint LED SPDT 24...240 AC/DC *Includes Brackets	35	Cuboid	Relay SPDT	2mtr Lead	Plastic	IP67
SI1071750	HSE18-A4A2BA	PinPoint LED Alignment Display	20	Hybrid	PNP/NPN DO	M12 4 Pin	Vistal	IP67/69
SI1088329	WSE16P-24162100A00	PinPoint LED Alignment Display IO Link with Smart Task	30	Cuboid	PNP/NPN/LO/DO	M12 4 Pin	Vistal	IP67/69
SI6027931	VSE18L-4P324	M18 Laser Detecting Small Objects	50	Cylindrical	PNP LO/DO	M12 4 Pin	Metal	IP67
SI6041823	VSE180-2P42432	M18 Basic Sensor with Potentiometer	20	Cylindrical	PNP LO/DO	M12 4 Pin	Metal	IP67
SI1085765	GRSE18S-P2421V	M18 Infra Red LED Hygienic & Wash Down	10	Cylindrical	PNP LO/DO	M12 4 Pin	S/Steel	IP67/69k



## Distance Sensors

Part Number	Series	Description	Range (Meters)	Shape	Output	Connection	Material	IP Rating
SI1057652	DT35-B15251	Smart Task, Laser, Analogue Outputs 4..20mA 0-10V	50 - 3100	Cuboid	PNP /Analogue	M12 5 Pin	Plastic	IP65/67
SI1065661	DT50-2B215252	Smart Task, Laser, Analogue Outputs 4..20mA 0-10V	200 - 10,000	Cuboid	PNP /Analogue	M12 5 Pin	Metal	IP65/67



## Sensor Mounting Plates

Part Number	Series	Description
SI5308447	BEF-WN-M12	Right Angle Bracket M12
SI5308446	BEF-WN-M18	Right Angle Bracket M18
SI5308445	BEF-WN-M30	Right Angle Bracket M30
SI2051628	BEF-W4-A	Right Angle Bracket To Suit W4
SI2022855	BEF-WN-W9-2	Right Angle Bracket To Suit W9
SI2013942	BEF-WG-W12	Right Angle Bracket To Suit W12/16
SI2069592	BEF-WN-DX35	Right Angle Bracket To Suit DT35
SI2048370	BEF-WN-DX50	Right Angle Bracket To Suit DT50



## Universal Clamp Bracket for 12mm Post

Part Number	Series	Description
SI2051612	BEF-KHS-N06	M18 Post Mount Clamp
SI2051608	BEF-KHS-N02	W4/W9/ W12/W16W/P250
SI2051609	BEF-KHS-N03	W12/WTT12//W16/W18/DT35/
SI2051613	BEF-KHS-N07	PL20/PL40/PL50/PL250/C110



## 12mm Post

Part Number	Series	Description
SI4056055	BEF-MS12G-B	STRAIGHT ROD 300mm
SI4056053	BEF-MS12L-B	90 Degree ROD 250*250mm
SI4056057	BEF-MS12Z-B	Z Shape ROD 150* 70*250mm
SI5321878	BEF-RMC-D12	MOUNTING CLAMP For Post



## PUR Cables

Part Number	Description	Len Metres
SI2094782	M8 3P PUR Female Straight Cable	2
SI2094788	M8 3P PUR Female Straight Cable	5
SI2094789	M8 3P PUR Female Straight Cable	10
SI2094790	M8 3P PUR Female Straight Cable	20
SI2094791	M8 4P PUR Female Straight Cable	2
SI2094792	M8 4P PUR Female Straight Cable	5
SI2094793	M8 4P PUR Female Straight Cable	10
SI2095582	M8 4P PUR Female Straight Cable	20
SI2095607	M12 4P PUR Female Straight Cable	2
SI2095608	M12 4P PUR Female Straight Cable	5
SI2095609	M12 4P PUR Female Straight Cable	10
SI2095610	M12 4P PUR Female Straight Cable	15
SI2095611	M12 4P PUR Female Straight Cable	20
SI2095615	M12 4P PUR Female Straight Cable	25
SI2095767	M12 4P PUR Female R/Angle Cable	5
SI2095768	M12 4P PUR Female R/Angle Cable	10
SI2095770	M12 4P PUR Female R/Angle Cable	20
SI2095617	M12 5P PUR Female Straight Cable	2
SI2095618	M12 5P PUR Female Straight Cable	5
SI2095619	M12 5P PUR Female Straight Cable	10
SI2095614	M12 5P PUR Female Straight Cable	20
SI2095773	M12 5P PUR Female R/Angle Cable	5
SI2095774	M12 5P PUR Female R/Angle Cable	10
SI2095795	M12 5P PUR Female R/Angle Cable	20



## IP69K Hygenic Washdown Cable with Stainless Steel Nut

SI6058505	M8 3P PP S/Steel IP69k Straight	5
SI6058506	M8 3P PP S/Steel IP69k Straight	10
SI2094813	M8 3P PP S/Steel IP69k Straight	25
SI6058511	M8 4P PP S/Steel IP69k Straight	5
SI6058512	M8 4P PP S/Steel IP69k Straight	10
SI6058513	M8 4P PP S/Steel IP69k Straight	25
SI6058476	M12 4P PP S/Steel IP69k Straight	5
SI6058478	M12 4P PP S/Steel IP69k Straight	10
SI6058480	M12 4P PP S/Steel IP69k Straight	25
SI6058495	M12 5P PP S/Steel IP69k Straight	5
SI6058496	M12 5P PP S/Steel IP69k Straight	10
SI6058497	M12 5P PP S/Steel IP69k Straight	25





## Interconnecting Cable

SI2095997	M12 4P Female - M12 4P Male 1mtr PUR	1
SI2096000	M12 4P Female - M12 4P Male 2mtr PUR	2
SI2096001	M12 4P Female - M12 4P Male 5mtr PUR	5
SI2096002	M12 4P Female - M12 4P Male 10mtr PUR	10
SI2096006	M12 5P Female - M12 5P Male 0.6mtr PUR	0.6
SI2096007	M12 5P Female - M12 5P Male 1mtr PUR	1
SI2096009	M12 5P Female - M12 5P Male 2mtr PUR	2
SI2096010	M12 5P Female - M12 5P Male 5mtr PUR	5
SI2096011	M12 5P Female - M12 5P Male 10mtr PUR	10
SI2096171	M12 5P Female - M12 5P Male 15mtr PUR	15
SI2095844	M12 5P Female - M12 5P Male 20mtr PUR	20



## Sensor Cable Roll/Drum

SI6057969	Sensor Cable 4 Core 0.34mm PUR 100M BK
SI6057970	Sensor Cable 5 Core 0.34mm PUR 100M BK



## Female Field Wireable Connector

SI6028422	M12 8 Pole Female Socket Screw
SI6009719	M12 5 Pole Female Socket Screw
XPC1543045	M12 5 Pole Female Socket Screw
SI6009974	M8 4 Pole Female Socket Screw
XPC1506891	M8 4 Pole Female Socket Screw
SI7902077	M8 3 Pole Female Socket Screw
XPC1506888	M8 3 Pole Female Socket Screw



## Male Field Wireable Connector

SI6033269	M12 8 Pin Male Socket Screw
SI6022083	M12 5 Pin Male Socket Screw
XPC1542965	M12 5 Pin Male Socket Screw
SI6037323	M8 4 Pin Male Socket Screw
XPC1501265	M8 4 Pin Male Socket Screw
SI6037322	M8 3 Pin Male Socket Screw
XPC1501252	M8 3 Pin Male Socket Screw



## PNP/NPN OptoCoupler

XPC2964319	PNP/NPN Converter DIN Mount
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## M12 - M8 Adapters

SI6057868	ADAPTER, M12 Male 3P - M8 3P Female
SI6057869	ADAPTER, M12 Male 4P - M8 4P Female
SI6057956	ADAPTER, M8 Male 3P - M12 3P Female
SI6057957	ADAPTER, M8 Male 4P - M12 4P Female



## DETEC 4 CORE 1200mm Height 14mm Resolution 10mtrs

Part Number	Description
SI1211479	C4C-EA12010A10000 LIGHTCURTAIN RECEIVER
SI1211478	C4C-SA12010A10000 LIGHTCURTAIN SENDER

## DETEC 4 CORE 600mm Height 30mm Resolution 15mtrs

Part Number	Description
SI1211495	C4C-EA06030A10000 LIGHTCURTAIN RECEIVER
SI1211494	C4C-SA06030A10000 LIGHTCURTAIN SENDER

## DETEC 4 CORE 1200mm Height 30mm Resolution 15mtrs

Part Number	Description
SI1211502	C4C-EA12030A10000 LIGHTCURTAIN RECEIVER
SI1211501	C4C-SA12030A10000 LIGHTCURTAIN SENDER

## DETEC 4 CORE 1500mm Height 30mm Resolution 15mtrs

Part Number	Description
SI1211506	C4C-EA15030A10000 LIGHTCURTAIN RECEIVER
SI1211505	C4C-SA15030A10000 LIGHTCURTAIN SENDER

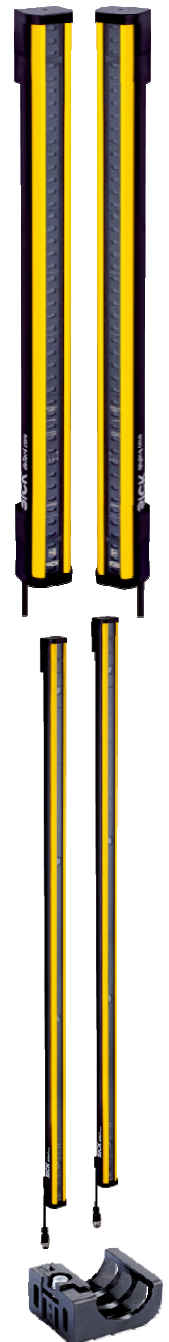
## DeTem 4 CORE 4 Beams 300mm Separation 17mtrs

Part Number	Description
SI1082692	Multiple light 4 beam safety devicesdeTem4 RECEIVER
	Core M4C-EA04300A10

Part Number	Description
SI1082690	Multiple light 4 beam safety devicesdeTem4 SENDER
	Core M4C-SA0430LA10

## DeTem 4 CORE Mounting Bracket

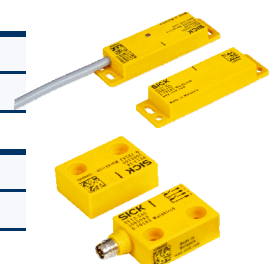
Part Number	Description
SI2066614	BEF-1SHABPKU4 FlexFix Bracket Pack Of 4



# Sick Safety Switches

## Non Contact Magnetic Safety Switch

Part Number	Description
SI1059503	RE13-SAC MAGN. SAFETY SENSOR M8 4 PIN
SI1062011	RE13-SA05 MAGN. SAFETY SENSOR 5 MTR
SI1059509	RE27-SA68L MAGN. SAFETY SENSOR m12 8 pin 200mm lead
SI1059510	RE27-SA05L MAGN. SAFETY SENSOR 5mtr cable



## Non Contact RFID Safety Switch

Part Number	Description
SI6070823	TR4-SEM02CB TR4 M12 5 PIN
SI6070811	TR4-SEM01CB TR4 M12 8 PIN
SI1069560	STR1 -SET M12 5 PIN
SI1069561	STR1 -SET M12 8 PIN



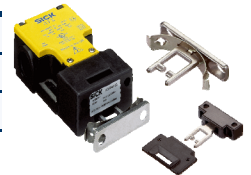
## Miniature Safety Tongue Switch

Part Number	Description
SI6025059	I12-SB213 SAFETY INTERLOCK
SI5311131	IE12-S1 ACTUATOR IE12
SI5311132	IE12-A1 ACTUATOR IE12 (90_GRAD)



## Small Safety Tongue Switch

Part Number	Description
SI6025067	I17-SA213 SAFETY INTERLOCK
SI5311130	IE17-S1 ACTUATOR IE17
SI5311129	IE16-F1 ACTUATOR IE16 (FLEX.)



## Safety Tongue Solenoid Power To Release

Part Number	Description
SI6025060	I14-M0213 SAFETY INTERLOCK
SI5311133	IE14-S1 ACTUATOR IE14



## Safety METAL Solenoid Power To Release

Part Number	Description
SI6025074	I110-SA223 SAFETY INTERLOCK
SI5308758	IE200-S1 ACTUATOR, STANDARD
SI5308759	IE200-F1 ACTUATOR, FLEXIBLE



## Safety Solenoid Power To Release

Part Number	Description
SI6051596	I110-M0233 SAFETY INTERLOCK M20 GLAND
SI6051602	I110-M0454 SAFETY INTERLOCK M12 8PIN
SI5319975	IE15-S1 ACTUATOR STRAIGHT
SI5319976	IE15-A1 Actuator Angled
SI5319978	IE15-R2 FLEXIBLE ACTUATOR



## Safety Power To Release RFID

Part Number	Description
SI6033743	TR110-SRUSA00 Transponder Safety Switch
SI6068076	TR110-SRU2B00 2 Push Buttons
SI5321176	TR110-XAS Actuator straight
SI5334663	TTR110-XABT Actuator angled
SI5338332	TR110-XAFR ACTUATOR Hinged RHD
SI5338331	TR110-XAFL Hinged actuators LHD
SI1091789	MB1-BL10 Mechanical Door Mount (Suits TR110)



## M12 8 Pin Cable To Suit TR4 /STR1 / TR110

Part Number	Description
SI2095653	M12 8P PVC 5mtr Female Straight Cable
SI2095654	M12 8P PVC 10mtr Female Straight Cable



## Rope Pull Safety Switch

Part Number	Description
SI1064511	i150-RP224 SAFETY INTERLOCK M12 4Pin <75mtr
SI6024883	I150-RP313 SAFETY INTERLOCK M20 Gland <75mtr
SI6025077	I110-RP223 SAFETY INTERLOCK M20 Gland <30mtr



## Rope Pull Safety Switch KIT

Part Number	Description
SI5311137	IE110-P10 ACCESSORIES I110-RP 10M
SI5311139	IE110-P30 ACCESSORIES I110-RP 30M
SI5311290	IE110-PTS Spring (Not Included In Kit)



# Sick Optical Safety Devices

## Safety Single Through Beam Sensor 10mtrs

Part Number	Description
SI6034866	L41S-21MA1A LIGHT BARRIER, SENDER
SI6034867	L41E-21MA1A LIGHT BARRIER, RECEIVER



## Safety Laser Scanner 3mtrs

Part Number	Description
SI1100333	NANS3-AAAZ30AN1
SI2105106	NANSX-AAABZZZ1 System Plug with M12 8 Pin
SI2111767	Mounting kit 1a Basic Fixed Bracket Nanoscan
SI2111768	Mounting kit 1b NanoSCAN HOOD BRACKET
SI2118400	NanoScan Prog Cable USB-MicroUSB 5Mtr



## Safety Laser Scanner 5.5mtrs

Part Number	Description
SI1075843	MICS3-AAAZ55AZ1P01 - M12 8 Pin
SI2074242	Mounting kit 1b MICROSCAN HOOD BRACKET
SI6053566	MicroScan Prog Cable USB- MiniUSB 5 Mtr



## Laser Scanner M12 Safety Cables

Part Number	Description
SI2079315	M12 8P PUR 5mtr Female Straight Cable
SI2079316	M12 8P PUR 10mtr Female Straight Cable
SI2092105	M12 8P PUR 20mtr Female Straight Cable



## EMMS= Electro Mechanical Safety Switch

Part Number	Description	Safe Outputs	Aux	Supply	Reset
SI1085345	RLY3-EMSS100 Electro Mechanical + Reset + EDM	2	2	24VDC	Auto/Man
SI1099973	RLY3-EMSS300 Electro Mechanical + Reset + EDM	3	2	24VDC	Auto/Man

\* Example of EMMS Potential Free Outputs, E-Stop/Mag Reed Switch/Limit/Tounge Switch

## OSSD = Output Signal Switching Device

Part Number	Description	Safe Outputs	Aux	Supply	Reset
SI1085344	RLY3-OSSD200 OSSD Safety Inputs + Reset + EDM	2	2	24VDC	Auto/Man
SI1099969	RLY3-OSSD300 OSSD Safety Inputs + Reset + EDM	3	2	24VDC	Auto/Man

\* Example of OSSD Devices, Light Curtains / Scanners /STR/Tr4

## Universal Safety Relay EMMS/OSSD

Part Number	Description	Safe Outputs	Aux	Supply	Reset
SI1100692	RLY3-MULT100 + Reset + External Device Monitoring	3	2	24VDC	Auto/Man

## Safety Relay With Timer Function

Part Number	Description	Safe Outputs	Aux	Supply	Reset
SI1100688	RLY3-TIME100 2x N/C EMMS/OSSD + 1xDelay Out/Reset/ 0.1s ..... 30 Seconds Adjustable Time Function	2	2	24VDC	Auto/Man

## Two Handed Safety Control Relay

Part Number	Description	Safe Outputs	Aux	Supply	Reset
SI1085346	RLY3-HAND100 2 x 1N/O 1N/C Two-Hand Controllers	2	1	24VDC	Auto/Man



## Sick Programmable Safety Relays

Part Number	Description
SI1043700	FX3-MPL000001 FLEXISOFT MEMORY PLUG (Suits CPU-0)
SI1043783	FX3-CPU000000 FLEXISOFT CONTROLLER
SI1047162	FX3-MPL100001 FLEXISOFT MEMORY PLUG (Suits CPU-3)
SI1059305	FX3-CPU320002 FLEXISOFT CONTROLLER
SI1044124	FX3-XTDI80002 FLEXISOFT SAFETY 8INPUTS
SI1044125	FX3-XTIO84002 FLEXISOFT SAFETY 8IN/4OUT
SI1051134	FX3-ANA020002 ANALOGUE SAFETY INPUTS 2
SI1044072	FX0-GENT00000 FLEXISOFT EIP GATEW.
SI1044073	FX0-GMOD00000 Safe EFI MODBUS TCP
SI1044074	FX0-GPNT00000 PROFINET
SI1069070	FX3-GEPR00000 EtherNet/IP
SI1061778	FX0-STIO68002 NON SAFE 6-8 Inputs/Outputs (2 Configurable)
SI6034574	FlexiSoft Programming Cable USB- M8 4 Pin

FREE "Flexi Soft Designer" Download from [SICK.com/au](http://SICK.com/au)



## Programmable Encoders

Part Number	Description
SI1036720	DFS60B-S4PA10000 M23 12 Pin INCREMENTAL ENCODER 10mm Shaft
SI1036721	DFS60B-S4PC10000 M12 8 Pin INCREMENTAL ENCODER 10mm Shaft
SI1036915	DFS60B-TDPC10000 M12 8 Pin INCREMENTAL ENCODER 10mm Through Hollow Shaft



## M12 Encoder Cables

Part Number	Description
SI6032867	M12 8P PUR 5mtr SHIELDED Female Straight Encoder Cable
SI6032868	M12 8P PUR 10mtr SHIELDED Female Straight Encoder Cable
SI6032869	M12 8P PUR 20mtr SHIELDED Female Straight Encoder Cable



## M23 Encoder Cables

Part Number	Description
SI2029214	M23 12 Pin PUR 5mtr Shilded Female Encoder Cable
SI2030688	M23 12 Pin PUR 10mtr Shilded Female Encoder Cable
SI2030692	M23 12 Pin PUR 15mtr Shilded Female Encoder Cable



## Shaft Adapter/Coupling

Part Number	Description
SI5326697	KUP-0610-D Flexible Coupling 10-6MM
SI5326703	KUP-1010-D Flexible Coupling 10-10MM

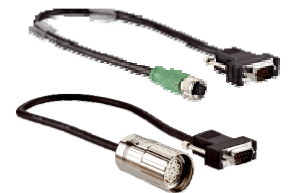


## Encoder Programmable Tools

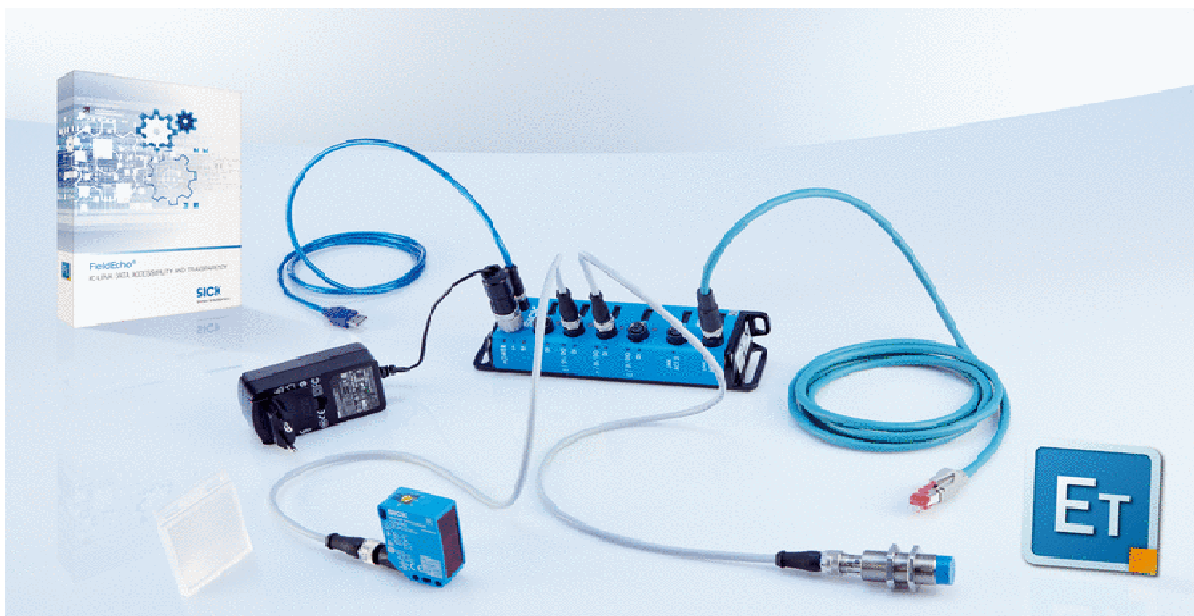
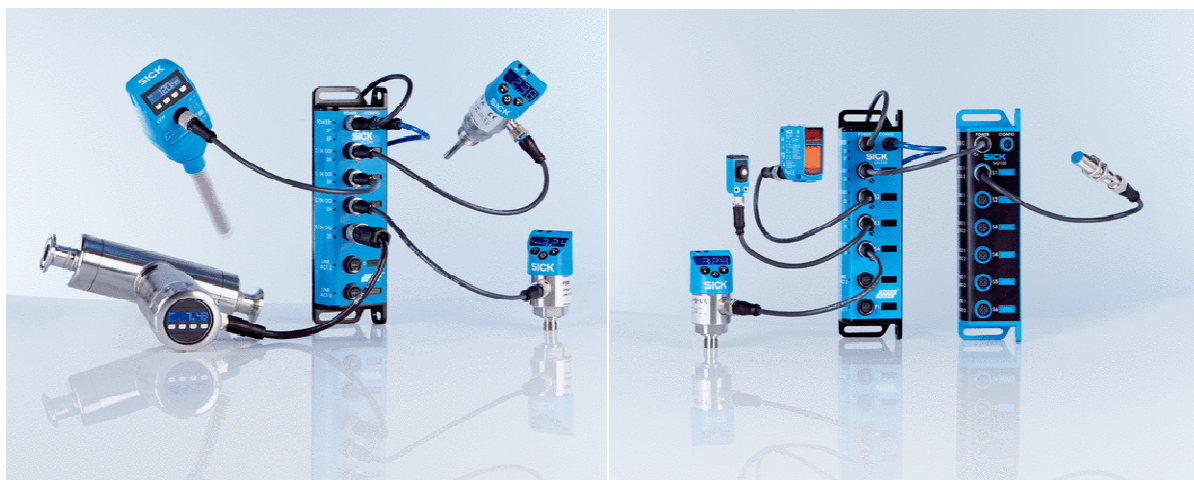
Part Number	Description
SI1072254	PGT-10-Pro Encoder Programming Module
SI2046579	Encoder Prog Cable SUBD - M12 8 PIN
SI2046580	Encoder Prog Cable SUBD - M23 8 PIN



**Programmable Features: TTL/HTL, 10,000 PPR - 0-10k Pulses Per Resolution  
Supply Voltage 4.5...32V**



Part Number	Description
SI1089792	SIG100-0A0111100IO-Link, Connect up to 12 Standard I/O's, Use SOPAS For Config Individual Ports, Logic Editor via Drag & Drop, & USB Connect Option
SI1089796	SIG200-0A0512200IO-Link, Ethernet, Ethernet/IP, Integrated WebServer for easy configuration, Logic Editor available.
SI6051163	M8 4P-USB-A Shielded Programming Cable
SI2106182	M12 4P - RJ45 Ethernet Profinet 2mtr
SI2095608	M12 4P PUR 5mtr Female Straight Cable (Used For Power)





## Product description

The SIG350 Sensor Integration Gateway is an IO-Link master that bundles and controls sensor communication via 8 IO-Link ports. The SIG350 allows for seamless integration and loss-free data transmission from the sensor to the cloud – and with reduced cabling work. The ports can be loaded with a maximum of 4 A in order to be able to integrate actuators with higher power requirements. The PROFINET, EtherNet/IP and EtherCAT industrial protocols are available for network communication. Thanks to IO-Link even during operation, an integrated web server allows for intuitive configuration of the IO-Link master as well as the connected sensors. Data exchange with cloud solutions is possible via the REST API, MQTT and OPC UA IIoT interfaces.

## At a glance

- 8 IO-Link ports (M12; 5-pin; A-coded; Class A/B)
- Up to 16 A voltage supply at max. 2 A per port for U<sub>S</sub> and U<sub>A</sub>
- Rugged IP67 housing
- Operating temperature -30 °C ... +70 °C
- PROFINET, EtherNet/IP and EtherCAT available
- REST API, MQTT and OPC UA IIoT protocols can be used
- Rotary encoding switch for IP addressing

## Your benefits

- Enables loss-free communication between a large number of sensors or actuators and the higher-level plant controller
- Simple and transparent data integration thanks to uniform wiring concept with IO-Link
- Innovative IO-Link ports that can be freely configured as Class A or Class B ports.
- Quick and innovative commissioning and parameterization via integrated web server
- INDUSTRIE 4.0 READY thanks to IIoT connection via REST API, MQTT and OPC UA

## Fields of application

- Integration of IO-Link devices and digital switching signals in all areas of factory, logistics, and process automation
- Areas where sensors or actuators require class B ports
- Direct integration of IO-Link sensor and actuator data in IIoT landscapes

Part Number	Description
SIG076923	SIG350-0005AP100 Sensor Integration Gateway Ethernet/Ethernet IP

## SIG350-0005AP100 | SIG350

### SENSOR INTEGRATION GATEWAY

<b>Ethernet</b>	✓
<b>EtherNet/IP™</b>	✓
Number of ports	2
Data transmission rate	10/100 MBit/s
Cycle time	≥ 1 ms
Addressing	BOOTP, DHCP, rotary switch; default: static IP address
Additional features	Quick connect
<b>REST API</b>	✓
Specification	JSON integration for IO-Link version (V1.0.0)
<b>MQTT</b>	✓
Specification	JSON integration for IO-Link version (V1.0.0)
<b>OPC UA</b>	✓
Specification	IO-Link Companion Specification Version (V1.0)
<b>Operator interfaces</b>	Web server integrated





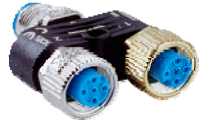
## Device Protection (Mechanical)

SI5309189	DOS-125K	10 pieces, Protective cap for M12 socket or unused ports
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## Distributors

SI2099600	YM2A15-00S01FY2A4	Head A: male connector, M12,5-pin,A-coded
		Head B: female connector, M12, 4-pin, A-coded
		Cable: Sensor/actuator cable



## Plug Connectors & Cables

SI2099626	YF2L15-05UH1XLEAX	Head A: female connector, M12, 5-pin, straight, L-coded
		Head B: Flying leads
		Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 5m



SI2095997	YF2A14-010UB3M2A14	Head A: female connector, M12, 4-pin, straight, A-coded
		Head B: male connector, M12, 4-pin, straight, A-coded
		Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 1 m



SI2096001	YF2A14-050UB3M2A14	Head A: female connector, M12, 4-pin, straight, A-coded
		Head B: male connector, M12, 4-pin, straight, A-coded
		Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 5 m



SI2106182	YM2D24-020PN1MRJA4	Head A: male connector, M12, 4-pin, straight, D-coded
		Head B: male connector, RJ45, 4-pin, straight
		Cable: Ethernet, PROFINET, PUR, halogen-free, shielded, 2 m



SI2099599	YF2L15-020UH1XLEAX	Power Cable M12 5 Pin 2Mtr L-coded
SI2099626	YF2L15-050UH1XLEAX	Power Cable M12 5 Pin 5Mtr L-coded
SI2099627	YF2L15-100UH1XLEAX	Power Cable M12 5 Pin 10Mtr L-coded

